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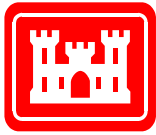
Technical Project Planning (TPP)

Presented at OE Standdown

19 December 2001

OE-MCX

256-895-1334

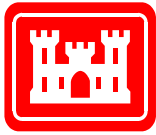


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Purpose



- Provide reference material on TPP
- Provide an overview of TPP process



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HQUSACE Strategic Goals 2001



PEOPLE

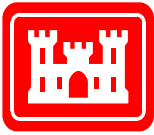
Be recognized for the technical and professional excellence of our world class workforce, functioning as teams delivering projects and services.

PROCESS

Use the Project Management Business Process to operate as One Corps, regionally delivering quality goods and services.

COMMUNICATION

Communicate effectively to build synergistic relationships that serve the nation.



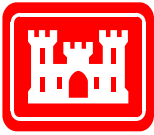
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References

- EM 200-1-2, Environmental Quality, Technical Project Planning (TPP Process)
- OE MCX Interim Guidance Document 01-02, Implementation of Technical Project Planning (TPP) For Ordnance and Explosives (OE) Formerly Used Defense Sites (FUDS) Projects



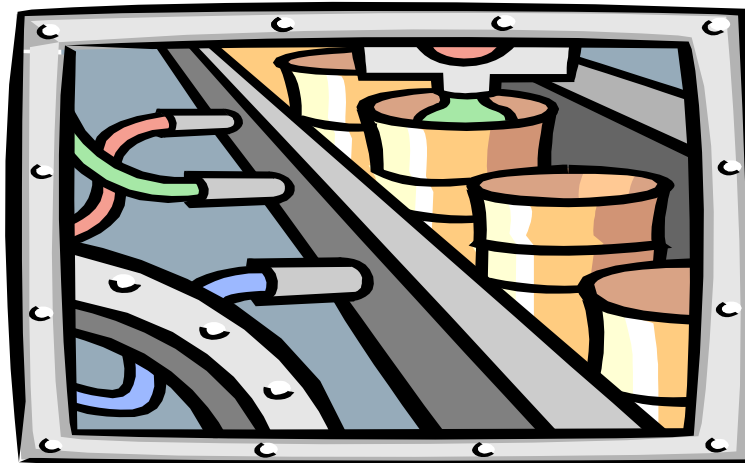


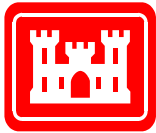
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TPP Process

1. Identify Current Project
2. Determine Data Needs
3. Develop Data Collection Options and Tools
4. Finalize Data Collection Program



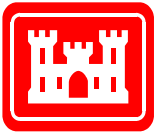


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Identify the Current Project

- **TPP Team**
- Gather Existing Data
- Identify Project Goals/Objectives
- Document Potential Decisions
- Concerns/Input/Constraints
- Develop Preliminary Conceptual Site Model (CSM)



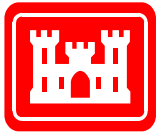
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The TPP Team

- Multi-disciplinary team consisting of
 - Decision Maker
 - Customer
 - Regulators
 - Stakeholders
 - USACE Project Delivery Team





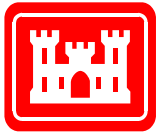
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Conceptual Site Model



1. Written or Pictorial Representation of Current Site Conditions Based on Available Information
2. Evolving Process
3. Communication Tool
4. Identify Data Gaps



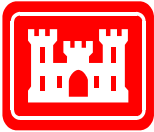


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Determine Data Needs



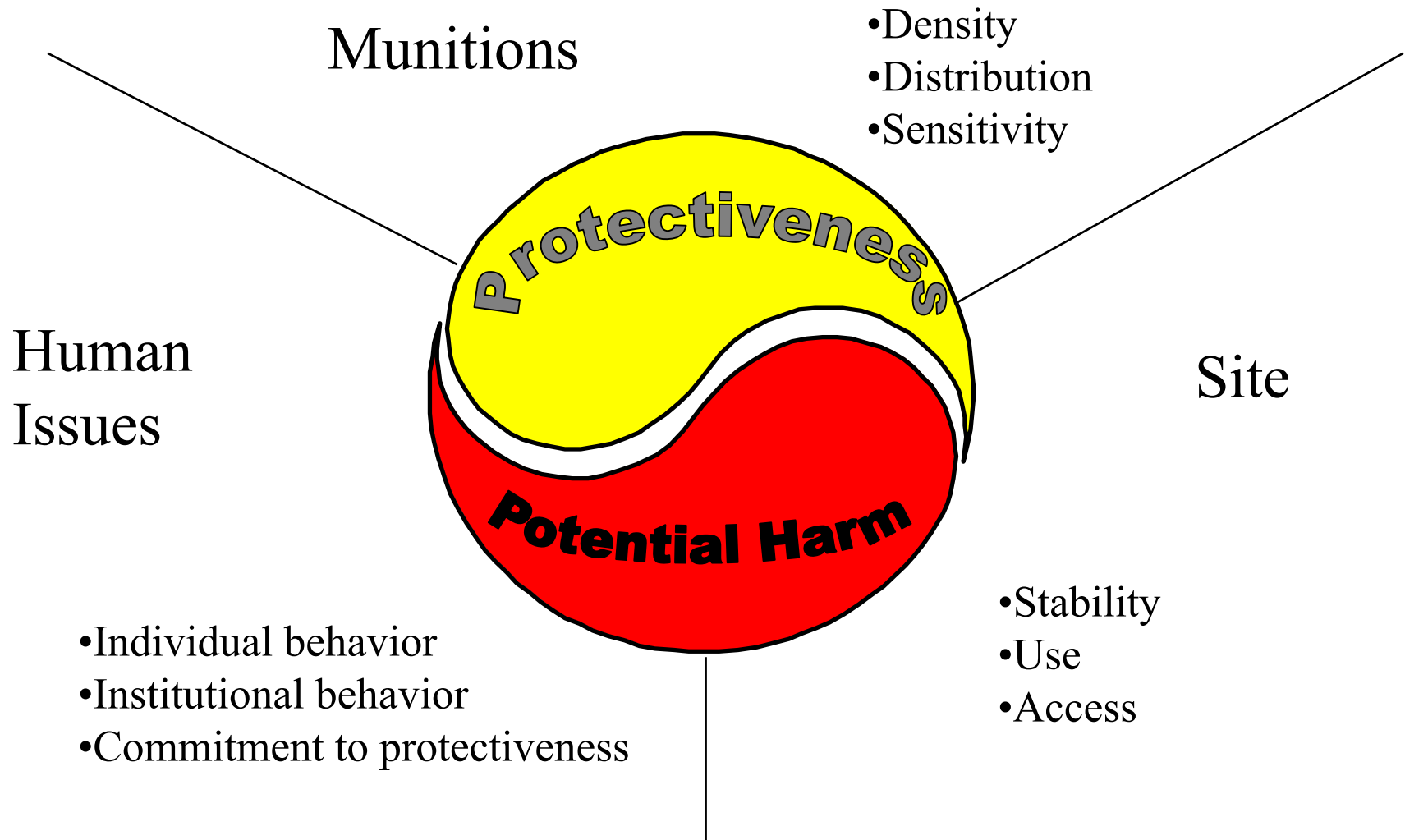
1. What Data
(Site, Ordnance, Regulatory, Land Use)
2. How Much Data (To support decisions, to conduct Risk Impact Assessment, to plan and design response actions.)
3. Data Quality
4. Link Data Needs to Project Objectives

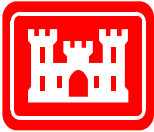


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The Problem

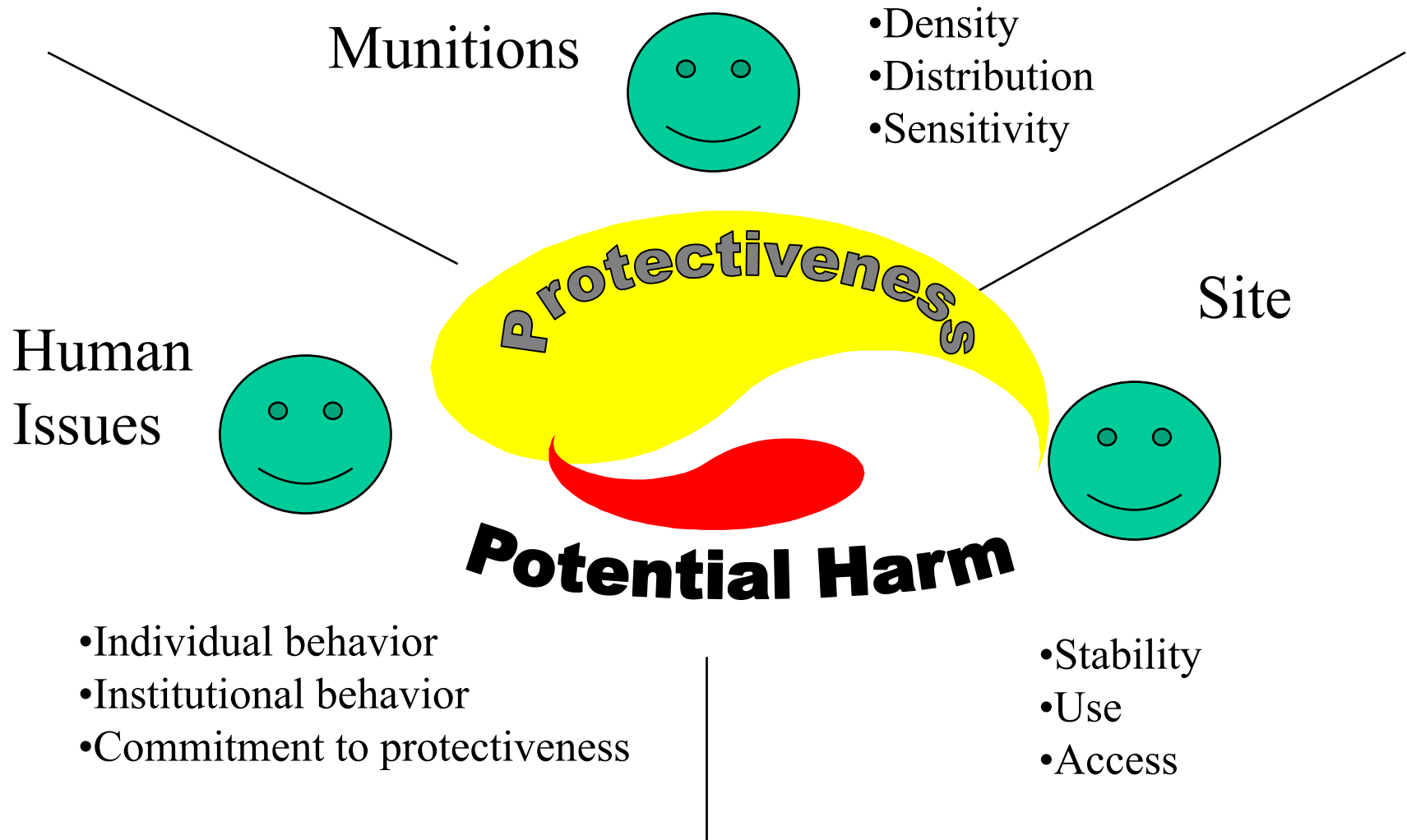


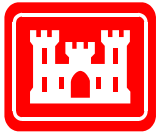


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The Goal



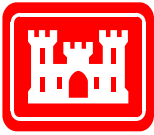


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Develop Data Collection Options/Tools



1. Historical Documents
2. Interviews
3. Aerial Photo Analysis
4. Field Methods
5. Characterization Tools
6. Risk Assessment Tools



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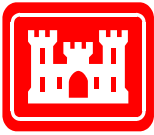
“Data Quality”

(Multiple Meanings)



- Environmental measurement field quality
- Environmental measurement lab quality
- GIS measurement quality
- Data entry quality
- Data representation quality
- Information production quality
- Information distribution quality
- Information reporting quality

From CQA, CQM Presentation “Two Databases in Every Garage: Information Quality Systems, presented at USEPA 20th Annual National Quality Conference, 4 Apr 01



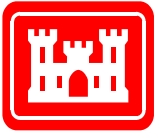
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Data Quality

(Bottom Line)



- Determined by:
 - Source of the data
 - Data collection methods
 - Expertise/experience of personnel
 - What it will be used for
- *WHAT THE TEAM DETERMINES IS ACCEPTABLE TO SUPPORT PROJECT OBJECTIVES AND DECISIONS!*



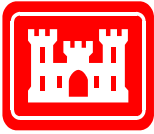
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Finalize Data Collection Program

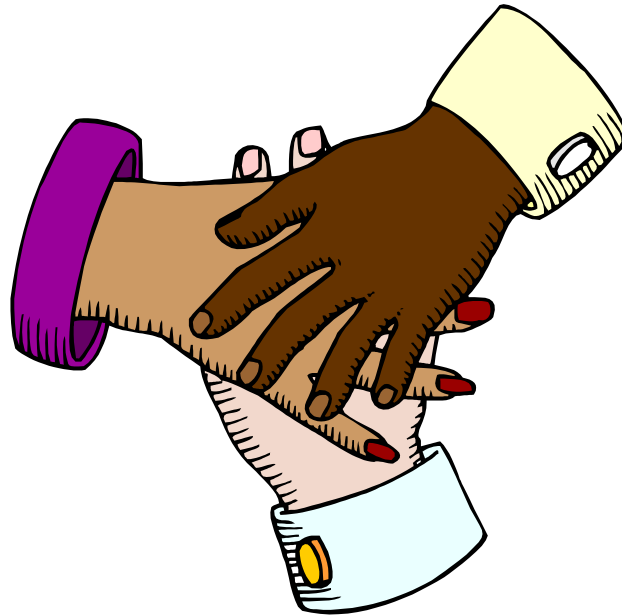
DOCUMENT THE TEAM'S
DECISIONS
(DQO's)

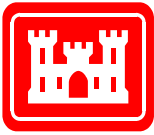




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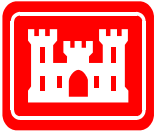
Implement the Plan





Conclusion

- TPP References
 - EM 200-1-2
 - <http://www.usace.army.mil/inet/usace-docs/eng-manuals/em200-1-2/toc.htm>
 - OE MCX Interim Guidance 01-02
 - [http://www.hnd.usace.army.mil/oew/policy/IntGuidRegs/TPP%20and%20the%20OE%20Process%20\(Final\).pdf](http://www.hnd.usace.army.mil/oew/policy/IntGuidRegs/TPP%20and%20the%20OE%20Process%20(Final).pdf)



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Questions

